



North Dakota

# FARM REPORTER

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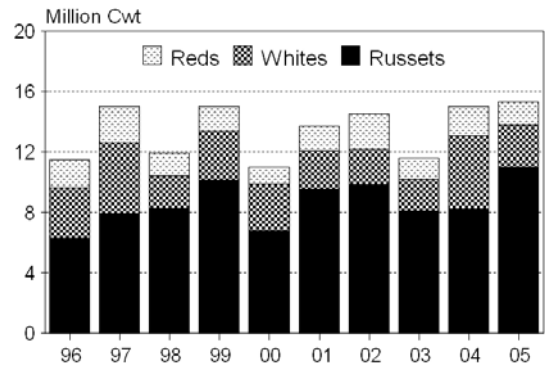
## POTATO STOCKS

**N**orth Dakota Stocks of potatoes in North Dakota's growers, dealers and processors storage facilities on February 1, 2005 was estimated at 15.3 million hundredweight (cwt), up 2 percent from last year and 32 percent from two years ago. Current stocks represent 57 percent of production, up from 55 percent last year. Total stocks are defined as all potatoes on hand, regardless of use, including those that will be lost through future shrinkage and dumping.

Stocks by type are 72 percent russets, 11 percent round whites, 7 percent long whites, and 10 percent reds. As a percent of total stocks, russets and long whites are up from 2004, while round whites and reds are down from a year ago.

Disappearance from the start of harvest to February 1 totaled 11.5 million cwt, down from 12.4 million cwt last year and 11.9 million cwt two years ago. January disappearance totaled 2.20 million cwt, down from 2.30 million cwt a year ago and 2.40 million cwt two years ago.

**Potato Stocks**  
North Dakota, February 1, 1996-2005



## United States

The 15 major potato States held 204 million cwt of potatoes in storage February 1, 2005, up 2 percent from last year and 3 percent above 2003. Potatoes in storage account for 51 percent of the 2004 fall storage States' production, 1 percent above last year. Stocks by type show a smaller percentage of reds and round whites but a larger percentage of russets than a year ago. Disappearance of 199 million cwt of potatoes is down 2 percent from last year and 4 percent below two years ago. Processors in the 9 major States used 101 million cwt of potatoes this season, down 1 percent from a year ago and 6 percent below two years ago. Dehydrating usage accounts for 20.0 million cwt of the total processing, down 9 percent from last year.

## Fall Potatoes: Production and February 1 Stocks

State	Crop of 2003		Crop of 2004		Stocks by Type as Percent of Total Stocks							
	Production	Stocks Feb 1, 2004	Production	Stocks Feb 1, 2005 <sup>1/</sup>	Reds		Round Whites		Long Whites		Russets	
					2004	2005	2004	2005	2004	2005	2004	2005
	-- 1,000 Cwt --		-- 1,000 Cwt --		--- Percent ---							
North Dakota	27,440	15,000	26,765	15,300	13	10	28	11	4	7	55	72
California	3,528	1,600	3,876	1,900								
Colorado	23,652	12,600	23,148	12,900	5	5	2	2			93	93
Idaho	123,180	67,000	131,970	75,000	1	1			3	3	96	96
Maine	17,030	10,500	19,220	11,100	4	3	46	45	1	1	49	51
Michigan	15,015	6,200	13,650	5,300			90	92			10	8
Minnesota	22,330	11,100	18,920	10,200	11	8	4	5			85	87
Montana	3,339	2,900	3,551	3,250								
Nebraska	9,744	4,600	9,288									
New York	6,510	1,100	5,184	1,300	5	5	90	90			5	5
Ohio	1,097	130	1,080									
Oregon	20,991	13,500	19,775	11,800	2	1	1	1		1	97	97
Pennsylvania	3,375	1,100	2,640	900	4	3	96	97				
Washington	93,150	38,000	93,810	36,500	1	1			3	3	96	96
Wisconsin	32,800	14,900	30,450	14,500	2	1	32	42			66	57
Other States				4,240								
11 State Total					3	2	12	11	2	2	83	85
15 State Total	403,181	200,230	403,327	204,190								

<sup>1/</sup> Missing stocks combined into Other States.

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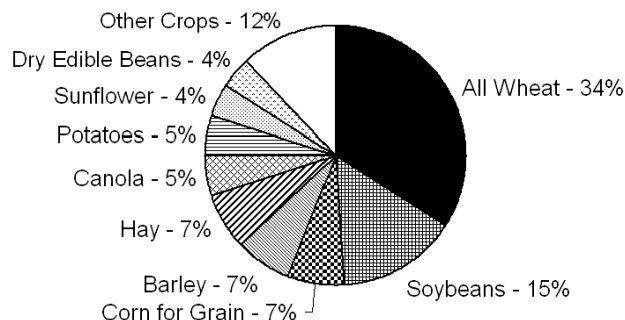
## CROP VALUES

### North Dakota

The total value of 2004 crop production, at \$2.97 billion, is down 16 percent from the 2003 total of \$3.54 billion. The decrease in total value is due in part to a combination of lower price levels and/or a decrease in production for selected commodities. This is the third highest value of crop production on record, since records began in 1924. The highest value is the 2003 crop with 1996's second place crop valued at \$3.31 billion. Value of production for each crop is computed by multiplying the marketing year average price by the production. Included in the total value for North Dakota is an allowance for 2004 sugarbeets valued at 2003 prices.

Other spring wheat value was down 12 percent from 2003. Soybean value and corn for grain were down 25 and 30 percent, respectively from their 2003 record high values. All sunflower value was down 40 percent from 2003 and lowest since 1976.

**Total Value of Crop Production  
North Dakota, 2004**



### United States

Total value of 2004 crop production for field and miscellaneous crops in the United States is estimated at \$78.0 billion, down from 2003's \$82.2 billion.

**Value of Crop Production**

Crop	Unit	Price per Unit		Value of Production		Value per Acre Harvested	
		2003	2004	2003	2004	2003	2004
		--- Dollars ---		--- 1,000 Dollars ---		--- Dollars ---	
North Dakota							
Corn, Grain	Bu	2.37	1.80	310,565	217,350	265.44	189.00
Wheat, All	Bu	3.63	3.30	1,149,746	1,015,423	135.26	130.60
Durum	Bu	3.93	3.70	229,551	195,360	115.93	122.10
Other Spring	Bu	3.57	3.25	902,496	792,838	141.02	133.25
Winter	Bu	3.01	2.75	17,699	27,225	147.49	121.00
Oats	Bu	1.33	1.10	28,249	15,488	78.47	70.40
Barley	Bu	2.59	2.15	307,692	197,284	155.40	133.30
Rye	Bu	2.12	2.10	1,590	1,638	106.00	81.90
Flaxseed	Bu	5.88	7.90	58,741	78,550	105.84	161.96
Potatoes	Cwt	5.45	5.75	149,548	153,899	1,335.25	1,523.75
Soybeans	Bu	6.62	5.35	585,539	439,289	191.98	123.05
Dry Edible Beans	Cwt	16.10	24.50	125,580	116,375	241.50	245.00
Dry Edible Peas	Cwt	6.54	5.45	17,946	37,747	115.78	127.52
Lentils	Cwt	15.00	14.80	9,480	19,062	175.56	202.79
Sunflower, All	Cwt	12.20	13.90	180,115	108,607	154.61	137.48
Oil	Cwt	11.30	13.00	149,838	89,232	146.90	135.20
Non-Oil	Cwt	15.70	18.40	30,277	19,375	208.81	149.04
Canola	Cwt	9.90	11.10	134,006	135,698	139.59	180.93
Hay, All	Ton	52.50	58.50	233,398	202,761	79.12	74.27
Alfalfa	Ton	58.00	63.50	153,120	123,825	95.70	95.25
Other	Ton	41.00	46.00	80,278	78,936	59.47	55.20
Sugarbeets <sup>1/</sup>	Ton	46.30	---	240,853	---	944.52	---
Total Value <sup>2/ 3/</sup>		---	---	3,544,203	2,972,380	---	---
United States							
Corn, Grain	Bu	2.42	1.95	24,476,803	23,032,795	345.02	312.81
Wheat, All	Bu	3.40	3.38	7,929,039	7,191,798	149.43	143.84
Durum	Bu	3.97	3.95	396,905	347,812	138.34	147.19
Other Spring	Bu	3.62	3.45	1,934,160	1,927,864	143.90	146.34
Winter	Bu	3.27	3.30	5,597,974	4,916,122	152.31	142.65
Oats	Bu	1.48	1.40	224,910	168,015	101.31	93.76
Barley	Bu	2.83	2.50	755,140	694,038	159.75	172.60
Rye	Bu	2.93	3.10	25,336	26,907	79.42	84.08
Flaxseed	Bu	5.88	7.90	61,900	82,590	105.27	160.06
Potatoes	Cwt	5.89	5.62	2,685,822	2,564,165	2,249.43	2,195.16
Soybeans	Bu	7.34	5.10	18,013,753	16,098,170	248.55	217.67
Dry Edible Beans	Cwt	18.40	24.80	422,793	444,795	313.90	364.80
Dry Edible Peas	Cwt	7.63	5.98	39,352	68,286	119.79	134.47
Lentils	Cwt	17.20	15.40	41,407	64,228	174.71	195.22
Sunflower, All	Cwt	12.10	13.20	316,214	268,364	143.93	156.85
Oil	Cwt	11.30	12.50	254,076	220,475	135.58	154.83
Non-Oil	Cwt	15.20	14.90	62,138	47,889	192.38	166.86
Canola	Cwt	9.90	11.20	149,659	149,365	140.13	180.39
Mustard Seed	Cwt	16.00	15.20	12,357	8,550	115.49	124.45
Rapeseed	Cwt	11.00	14.10	125	1,528	104.17	195.90
Safflower	Cwt	13.70	12.20	37,585	21,423	176.46	134.74
Hay, All	Ton	85.50	89.70	12,006,783	12,197,354	189.43	197.00
Alfalfa	Ton	90.80	97.50	6,724,537	6,977,603	285.80	321.44
Other	Ton	70.90	70.00	5,282,246	5,219,751	132.54	129.82
Sugarbeets <sup>1/</sup>	Ton	41.40	---	1,270,026	---	942.30	---

<sup>1/</sup> Data not available for 2004 crop. <sup>2/</sup> Total value includes unpublished North Dakota values for miscellaneous crops. <sup>3/</sup> 2004 total value includes estimated value of 2004 sugarbeet crop, (2004 production multiplied by 2003 price).

# RECORD HIGHS & LOWS

## Principal Crops: Record Highs and Lows, North Dakota

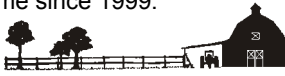
Crop		Unit	Record High <sup>1/</sup>		Record Low <sup>1/</sup>		Year Records Started
			Quantity	Year	Quantity	Year	
All Wheat	Planted	Acres	12,680,000	1996	5,715,000	1962	1916
	Harvested	Acres	12,515,000	1996	85,000	1879	1879
	Yield	Bu	41.1	1992	4.5	1900	1879
	Production	Bu	472,890,000	1992	1,742,000	1879	1879
Spring Wheat	Planted	Acres	9,600,000	1996	3,812,000	1962	1926
	Harvested	Acres	9,500,000	1996	2,438,000	1936	1919
	Yield	Bu	42.0	1992	5.2	1936	1919
	Production	Bu	382,200,000	1992	12,678,000	1936	1919
Durum Wheat	Planted	Acres	5,051,000	1928	797,000	1958	1926
	Harvested	Acres	5,000,000	1928	770,000	1958	1919
	Yield	Bu	38.0	1992	3.5	1954	1919
	Production	Bu	127,890,000	1981	4,235,000	1954	1919
Winter Wheat	Planted	Acres	750,000	1985	25,000	1966	1964
	Harvested	Acres	550,000	1984	24,000	1966	1964
	Yield	Bu	49.0	2003	13.0	1988	1964
	Production	Bu	22,000,000	1984	600,000	1966	1964
Barley	Planted	Acres	4,147,000	1959	1,350,000	1999	1926
	Harvested	Acres	3,918,000	1958	15,000	1882	1882
	Yield	Bu	65.0	1992	5.0	1910	1882
	Production	Bu	184,250,000	1985	382,000	1882	1882
Oats	Planted	Acres	2,985,000	1970	<b>490,000</b>	<b>2004</b>	1926
	Harvested	Acres	2,870,000	1917	57,000	1882	1882
	Yield	Bu	70.0	1993	8.0	1910	1882
	Production	Bu	153,624,000	1969	1,852,000	1882	1882
Rye	Planted	Acres	2,310,000	1919	10,000	2002	1919
	Harvested	Acres	2,100,000	1919	1,000	1888	1882
	Yield	Bu	50.0	2003	4.5	1936	1882
	Production	Bu	31,266,000	1922	10,000	1888	1882
Sunflower	Planted	Acres	3,460,000	1979	13,000	1962	1962
	Harvested	Acres	3,378,000	1979	12,500	1962	1962
	Yield	Lbs	1,517	1998	600	1964	1962
	Production	Lbs	4,584,600,000	1979	10,800,000	1964	1962
Canola	Planted	Acres	1,300,000	2002	18,000	1991	1991
	Harvested	Acres	1,285,000	2001	17,500	1991	1991
	Yield	Lbs	<b>1,630</b>	<b>2004</b>	1,180	1997	1991
	Production	Lbs	1,799,000,000	2001	24,500,000	1991	1991
Soybeans	Planted	Acres	<b>3,750,000</b>	<b>2004</b>	7,000	1945	1942
	Harvested	Acres	<b>3,570,000</b>	<b>2004</b>	4,000	1944	1942
	Yield	Bu	35.0	1999	10.0	1947	1942
	Production	Bu	88,450,000	2003	40,000	1942	1942
Flaxseed	Planted	Acres	3,649,000	1957	80,000	1996	1920
	Harvested	Acres	3,500,000	1956	35,000	1892	1889
	Yield	Bu	21.0	2000	2.7	1936	1889
	Production	Bu	28,700,000	1956	228,000	1889	1889
All Corn	Planted	Acres	<b>1,800,000</b>	<b>2004</b>	495,000	1972	1929
Corn for Grain	Harvested	Acres	1,170,000	2003	17,000	1934	1924
	Yield	Bu	117.0	1999	8.4	1934	1924
	Production	Bu	131,040,000	2003	143,000	1934	1924
Dry Edible Beans	Planted	Acres	790,000	2002	21,000	1966	1964
	Harvested	Acres	710,000	1998	20,000	1966	1964
	Yield	Lbs	1,550	2001	600	1989	1964
	Production	Cwt	10,626,000	2002	165,000	1964	1964
Dry Edible Peas	Planted	Acres	<b>310,000</b>	<b>2004</b>	64,000	1999	1998
	Harvested	Acres	<b>296,000</b>	<b>2004</b>	58,000	1999	1998
	Yield	Lbs	<b>2,340</b>	<b>2004</b>	1,600	2002	1998
	Production	Cwt	<b>6,926,000</b>	<b>2004</b>	1,102,000	1999	1998
Lentils	Planted	Acres	<b>100,000</b>	<b>2004</b>	22,000	1998	1998
	Harvested	Acres	<b>94,000</b>	<b>2004</b>	21,500	1998	1998
	Yield	Lbs	1,550	1999	1,050	2002	1998
	Production	Cwt	<b>1,288,000</b>	<b>2004</b>	267,000	1998	1998
Potatoes	Planted	Acres	191,000	1943	73,000	1951	1929
	Harvested	Acres	198,000	1922	2,000	1882	1882
	Yield	Cwt	<b>265</b>	<b>2004</b>	20	1890	1882
	Production	Cwt	30,030,000	1991	196,000	1882	1882
Sugarbeets	Planted	Acres	265,000	2002	2,900	1924	1924
	Harvested	Acres	258,000	2002	2,600	1924	1924
	Yield	Tons	22.2	1998	4.9	1934	1924
	Production	Tons	5,386,000	1998	24,500	1924	1924
All Hay	Harvested	Acres	4,337,000	1961	2,102,000	1934	1909
	Yield	Tons	2.09	2000	0.41	1934	1909
	Production	Tons	6,285,000	1978	871,000	1934	1909

<sup>1/</sup> In case of a tie, most recent year was used. Bold indicates new record.

## FARM NUMBERS/LAND IN FARMS

### North Dakota

The number of farms and ranches in North Dakota during 2004 is estimated at 30,300 and remains the same as 2003 but is down from 30,500 farms during 2002. All land in farms totaled 39.4 million acres, which has remained the same since 1999.



A farm and ranch is defined as any establishment from which \$1,000 or more of agricultural products were sold or would normally be sold during the year. Government payments are included as sales. The annual estimate includes farms with their entire acreage enrolled in the Conservation Reserve Program or other government programs.

**Number of Farms by Economic Sales Class, 1999-2004**

Year	\$1,000- \$9,999	\$10,000- \$99,999	\$100,000- \$249,999	\$250,000- \$499,999	\$500,000+	Total
--- Number ---						
<b>North Dakota</b>						
1999	8,400	13,800	5,900	2,100	800	31,000
2000	8,400	13,400	5,700	2,300	1,000	30,800
2001	8,500	13,000	5,600	2,400	1,100	30,600
2002	8,600	12,600	5,600	2,500	1,200	30,500
2003	8,800	12,000	5,500	2,600	1,400	30,300
2004	8,700	11,800	5,400	2,700	1,700	30,300
<b>United States</b>						
1999	1,187,390	648,710	188,340	90,940	71,900	2,187,280
2000	1,183,480	638,380	182,900	89,370	72,650	2,166,780
2001	1,189,920	621,490	176,290	87,400	73,530	2,148,630
2002	1,201,840	604,570	168,820	86,550	73,580	2,135,360
2003	1,199,270	600,540	167,220	86,550	73,280	2,126,860
2004	1,180,560	599,170	167,930	89,070	76,740	2,113,470

**Land in Farms by Economic Sales Class, 1999-2004**

Year	\$1,000- \$9,999	\$10,000- \$99,999	\$100,000- \$249,999	\$250,000- \$499,999	\$500,000+	Total	Average Size of Farms
--- 1,000 Acres ---							- Acres -
<b>North Dakota</b>							
1999	3,400	13,900	12,300	6,500	3,300	39,400	1,271
2000	3,400	13,500	11,900	6,700	3,900	39,400	1,279
2001	3,300	12,700	11,900	7,100	4,400	39,400	1,288
2002	3,000	11,800	11,600	7,500	5,500	39,400	1,292
2003	3,000	11,200	11,500	7,900	5,800	39,400	1,300
2004	2,900	10,700	11,300	8,000	6,500	39,400	1,300
<b>United States</b>							
1999	129,810	282,565	201,005	146,245	188,835	948,460	434
2000	128,320	279,265	198,705	147,295	191,495	945,080	436
2001	127,090	274,895	197,065	148,605	194,415	942,070	438
2002	126,625	271,155	196,305	149,170	197,045	940,300	440
2003	124,770	270,055	196,055	150,135	197,635	938,650	441
2004	120,840	266,495	193,915	151,555	203,795	936,600	443

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